

FIG. 1

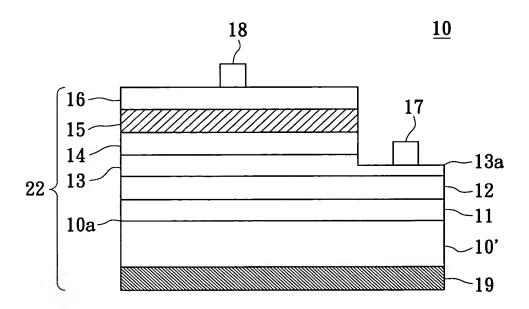


FIG. 2

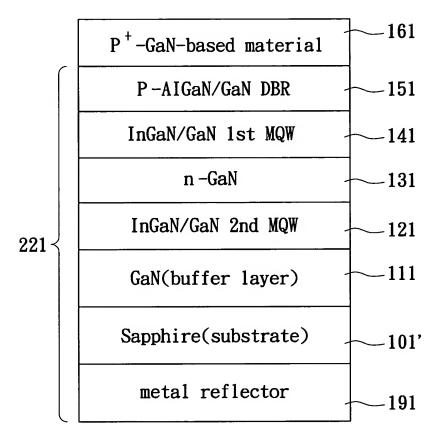
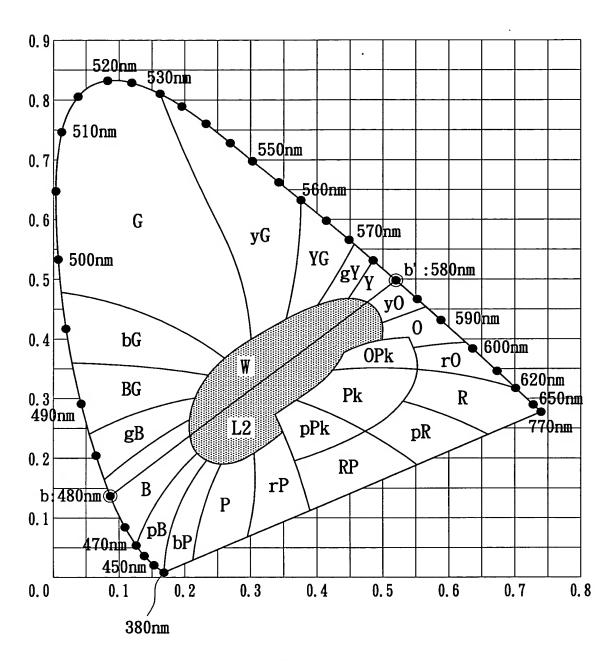


FIG. 3

$$111 \left\{ \begin{array}{c} \text{HT-GaN} \\ \hline \text{LT-GaN} \end{array} \right.$$

FIG. 3A



R:Red	0:0range
B:Blue	P:Purple
G:Green	Pk:Pink
Y:Yellow	W:Write

FIG. 4

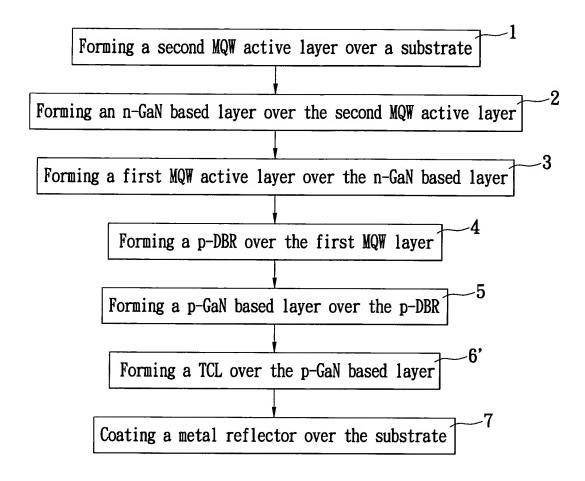
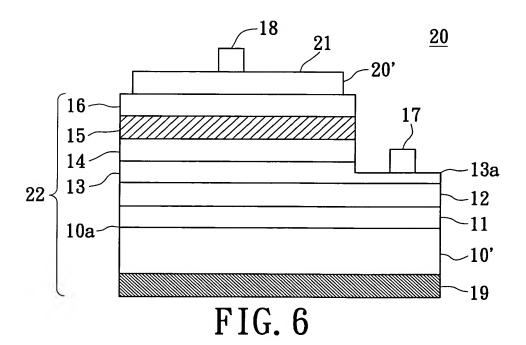


FIG. 5



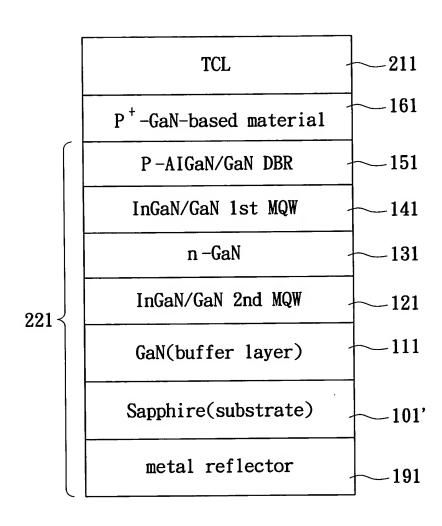


FIG. 7

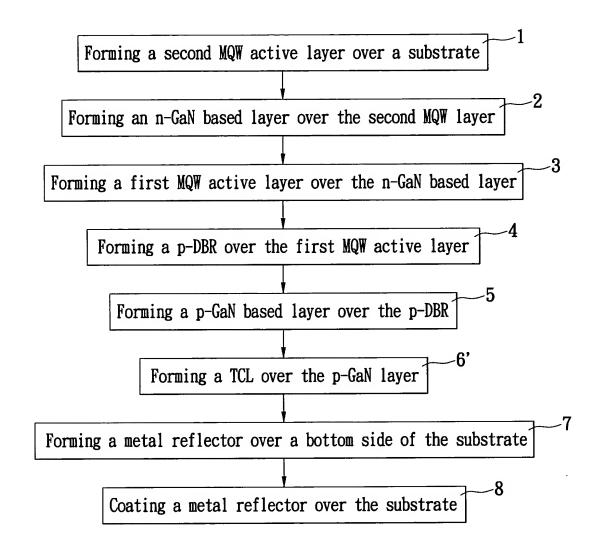


FIG. 8

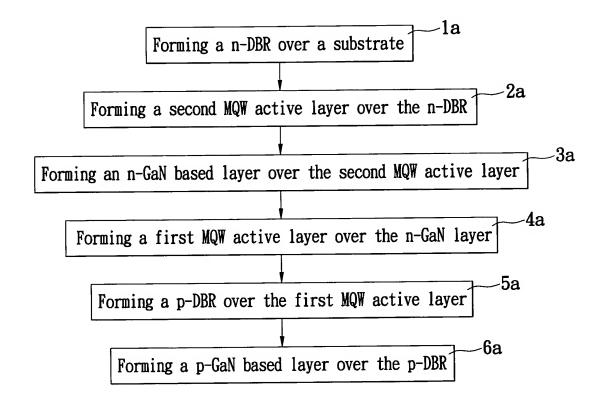


FIG. 9

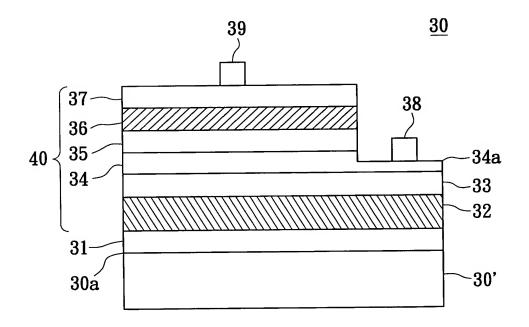


FIG. 10

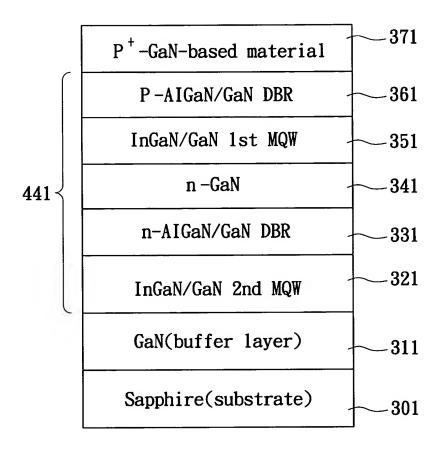


FIG. 11

$$311 \left\{ \begin{array}{c} -\text{HT-GaN} \\ \hline -\text{LT-GaN} \end{array} \right.$$

FIG. 11A

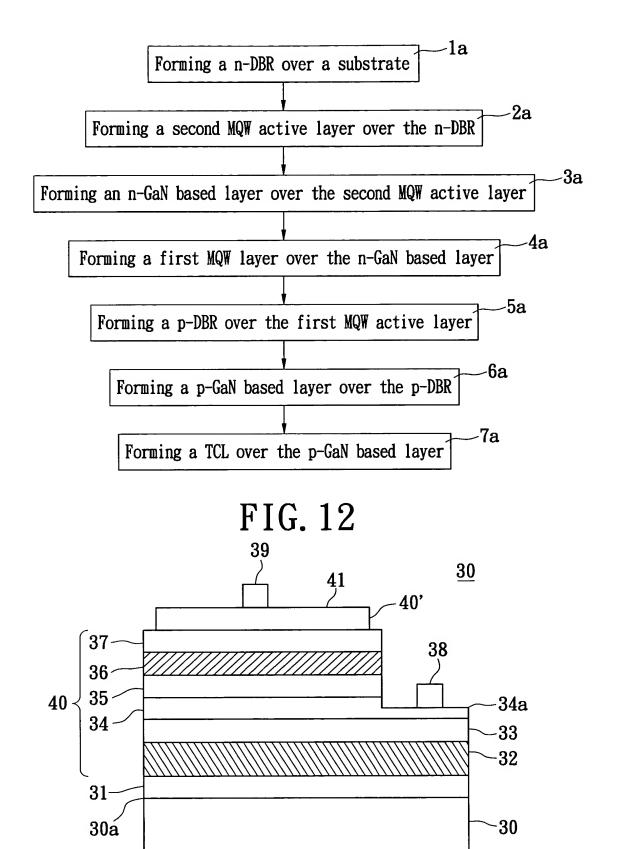


FIG. 13

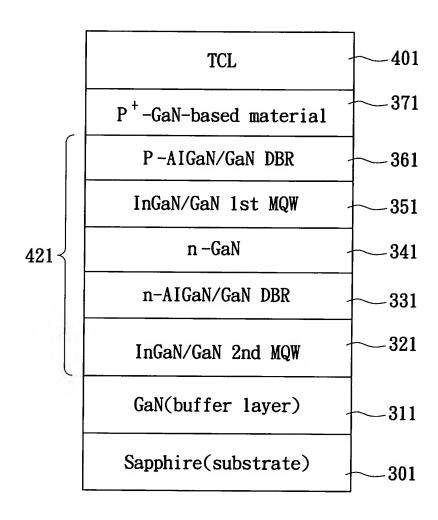


FIG. 14

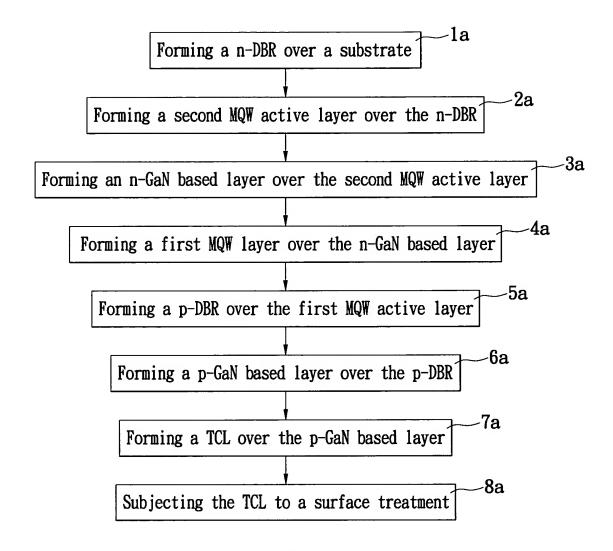
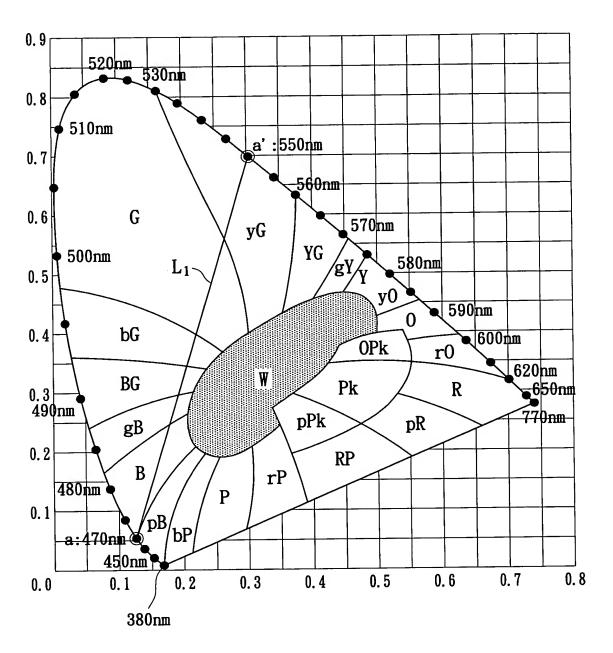


FIG. 15



R:Red	0:Orange
B:Blue	P:Purple
G:Green	Pk:Pink
Y:Yellow	W:Write

FIG. 16